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CERTIFICATE OF MAILING

(37 CFR 1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on **January 7, 2002** with sufficient postage as first class mail in an envelope addressed: Box: AMENDMENT- FEE, Assistant Commissioner for Patents, Washington, D.C. 20231.

C. Richard Eby, Reg. No. 25,854

Date

1/7/02

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/702,493  
Filed: October 31, 2000  
Group Art Unit: 3754  
Examiner: Eric Keasel  
Applicant: Peter W. Estelle  
Title: **SELF ADJUSTING SOLENOID DRIVER AND METHOD**  
Atty Docket No. NOR-937

COPY OF PAPERS  
ORIGINALLY FILED

Cincinnati, Ohio 45202

January 7, 2002

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

AMENDMENT TRANSMITTAL

Transmitted herewith is an Amendment and Response in reply to the Office Action dated December 6, 2001. Also included is a check in the amount of \$36 for the addition of two new dependent claims. Applicant is other than a small entity; and further, Applicant believes that there is no additional fee for claims or extension of time required. If any additional extension and/or fee is required, please charge Deposit Account No. 23-3000.

Respectfully submitted,

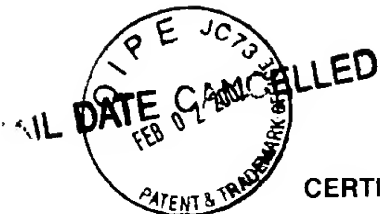
WOOD, HERRON & EVANS, LLP

By:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**AMENDMENT AND RESPONSE**

In response to the nonfinal Office Action dated December 6, 2001, please amend the above-identified application as indicated below:

**In the Claims**

Add new claims 24, 25 as follows:

24. The fluid dispenser of claim 2 wherein a time required to move said dispensing valve between two positions varies in a first nonlinear relationship as a function of changes of said output voltage of said power supply and said output signal from said driver circuit has a variable component with a time duration varying in a second nonlinear relationship as a function of changes of said output voltage of said power supply, the first and second nonlinear relationships being generally similar.